

November 15, 1961

ILLEGIB

Dear Ed: **Project Data System**

As you are probably aware, we have been given authorization to proceed with design and subsequent fabrication of two complete mission configurations in addition to the prototype which we are currently preparing for tests.

To validate our data recording concept, a meeting was held Thursday, 9 November with the use and other project personnel in Washington. A combination optical-on-film and magnetic tape recording data system was ultimately suggested as an optimum operational solution. The system will permit direct reduction and subsequent plot without intermediate data processing. The ability to plot a path profile and note individual frame attitude corrections from computer information would eliminate tedious manual reduction from a tracker film.

During the course of the discussion, Bill Mc from the southern INS group and Rod S. dropped in so there was a chance to make a rapid evaluation of overall system compatibilities.

We have, per your previous request, made no effort to contact the Northern INS groups in respect to optimizing data recording capabilities. We feel a real need to work more closely with Bill Mc or Ray D. and Bill W. to arrive at the best possible solution for our current system and to propose a modified system for subsequent operational use. It appears that weight and power can be saved as well as the improvement of operational capability to the user.

If you would prefer, the original get-together could be at your facilities. We would also welcome any participation or comments from the Rod S. group.

We will be in a position to discuss the data system within a week to two weeks time. Your comments on a scheduled meeting time and of our further investigation into the data recording and use areas would be appreciated.

BLE:LB

cc: R. A. G.

E. L. G.

C. F. H.

M. K.

B. L. E.
B. L. E.